

Title (en)

DIGITAL AUDIO WITH PARAMETERS FOR REAL-TIME TIME SCALING

Title (de)

DIGITAL-AUDIO MIT PARAMETERN ZUR ECHTZEIT-ZEITSKALIERUNG

Title (fr)

AUDIO NUMERIQUE AVEC PARAMETRES POUR LA MISE A L'ECHELLE EN TEMPS REEL

Publication

**EP 1451822 A2 20040901 (EN)**

Application

**EP 02804356 A 20021127**

Priority

- JP 0212373 W 20021127
- US 1051401 A 20011205

Abstract (en)

[origin: US2003105640A1] Preprocessing audio data to generate parameters associated with time scaling reduces the processing power required for real-time time scaling of the audio data. An augmented audio data structure includes the audio data and the parameters. The parameters for a frame of the audio data can identify best match blocks for time scaling or represent a plot of offset versus time scale that can be interpolated to determine an offset. The real-time time scaling uses the blocks that the parameters identify instead of performing a search for the best matching blocks. The parameters can also indicate which of the frames represent silence and can be scaled differently from frames that do not represent silence.

IPC 1-7

**G11B 20/10**

IPC 8 full level

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CPC (source: EP KR US)

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**US 2003105640 A1 20030605**; **US 7171367 B2 20070130**; CN 1703738 A 20051130; EP 1451822 A2 20040901; JP 2005512134 A 20050428; KR 20040055802 A 20040626; TW I223231 B 20041101; WO 03049108 A2 20030612; WO 03049108 A3 20040226

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